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**INDIANA COMMISSION ON PROPRIETARY EDUCATION**

*Board of Commissioners Meeting Memorandum*

**Date:** March 4, 2007

**From:** Rebecca Carter, Director of Regulatory Compliance

**Subject: SAINT ANTHONY MEDICAL CENTER  
NEW ASSOCIATE OF APPLIED SCIENCE DEGREE**

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**Staff Recommendation**

The commission staff recommends that Saint Anthony Medical Center be granted the authority to award the Associate of Applied Science degree in the following program:

**Echocardiography**

**Background Information**

Saint Anthony Medical Center has been regulated by the Indiana Commission on Proprietary Education since June 12, 2006. Fully Accredited status was granted by the Board of Commission on December 13, 2006.

The associate of applied science degrees consists of 972 clock-hour of training; a minimum of 75% of the courses are in the Specialty in each of the programs; and, the faculty meet the criteria stipulated in 570 IAC 1-10.1-4.

**Supportive Documentation**

1. Degree Application
2. Instructor Qualification Record Forms

INDIANA COMMISSION ON  
PROPRIETARY EDUCATION

**DEGREE APPLICATION**

*(New or Renewal program)*

*Use the <tab> key to advance to the next field, or select a field by clicking the cursor.*

Name of Institution Saint Anthony Medical Center

Name of Program Echocardiography

Level of Degree (AAS, AS, AA, BAS, BA, BS, MBA, MAS, MA, MS, Ph.D.) AAS

Name of Person Preparing this Form Jacqueline Katz

Telephone Number 219 757-6132 Application Type

Date the Form was Prepared November 10, 2006 ☒ New ☐ Renewal

**I. PROGRAM OBJECTIVES:** Describe what the program is designed to achieve and explain how it is structured in order to accomplish the objectives.

With compliance to our Franciscan Values, the Echocardiography School at Saint Anthony is committed to excellence in fostering a balanced didactic and clinical educational experience for our future cardiac technologists. In so doing, preparing our students for a career opportunity in which to provide competent and compassionate care and instilling in them a desire for continued learning and a dedication to the cardiology field.

The goals and objectives of our program are to provide an excellent Echocardiography School, which prepares the technologist through didactic and clinical experiences to sit for the RDCS examination upon graduation. We also strive to see the Franciscan Values of Saint Anthony Medical Center reflected in the care, compassion and competence of our graduates as they embark on a career in echocardiography and maintain a high level of commitment to life long learning.

Didactic education for the echocardiography school is 4 hours per week. The clinical education hours per week initially in the program are 3 hours. This expands to 4 to 5 hours per week after the initial training period of approximately 3 months. We then increase the clinical hours to 4 to 6 hours per week while the didactic education is continuing for a minimum 18-month period. Prior to graduation, the students are required to complete 800 clinical hours. The final 6 to 8 month period of the program is dedicated principally to clinical hours, with the students attending advanced classes one week per month. The students must complete the remaining clinical

hours as required, attending any of our clinical affiliates, which are located at our sister hospitals within the Northwest Indiana region.

Initially our clinical times are planned in accordance to the topics, which are discussed during the didactic portions of the program. We begin our course with normal cardiac anatomy and physiology. Concomitantly during the clinical times the students are exposed to the normal cardiac anatomy in relationship to the imaging modality or echocardiography. The tools utilized during these clinical sessions include a three dimensional model of the heart, a workbook on echocardiography and cardiac hemodynamics and the Heart Lab system. We have found when we can plan our clinical experience in relation to what is being taught during the didactic program, the students have a better understanding of the imaging aspects in relationship to normal cardiac function.

As the program progresses, students become more familiar with the physics of ultrasound and the function of the sound beam and as it relates to the structures within the body the students gain more hands on experience during their clinical times. Continuing to relate what is covered during the didactic portion of the program with what is covered during the clinical aspects of the program.

All echocardiography images at St. Anthony Medical Center are stored digitally in our Heart Lab PAC system. This archiving and retrieval system makes it much more efficient for students to access normal and abnormal studies making it much easier to coordinate didactic training in pathophysiology and how these anomalies are imaged by echocardiography. This system has also been extremely useful in allowing the students to obtain and calculate all the required measurements, which will be utilized in the echocardiographic examination.

Student progress is tracked didactically by regular testing and the program is broken down into eight-week blocks. Two eight-week blocks comprise a semester. Students receive a semester grade. We expect that they maintain a C average to continue in the program.

At a 6-month interval each student will have a personal evaluation with the clinical instructor, the physics instructor and our nurse instructor who is our program Director. During this evaluation the students academic status and clinical status will be discussed and corrective action taken as required.

**II. PROGRAM STRUCTURE:** List all courses in the program. Indicate course name, number, and number of credit hours or clock hours for each course.

NAME OF PROGRAM: Echocardiography

TOTAL COURSE HOURS: 972 Check one: Quarter Hours ☐ ☒ Semester Hours

Check one: Quarter Hours ☐

Semester Hours 

**Clock Hours** ☐

LENGTH OF PROGRAM: **22 months** TUITION: **\$7,500.00**

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**SPECIALTY COURSES:**

Course Number	Course Title	Course Hours
	Cardiac anatomy and physiology	18 hours
	Math	12 hours
	Physics (principles of ultrasound )	48 hours
	Cardiac imaging principles	36 hours
	Instrumentation	12 hours
	Cardiac Hemodynamics	12 hours
	Heart disease and pathophysiology	18 hours
	Fundamentals of Health Care	12 hours
	Orientation	
	Patient Care	
	Basic Law and Ethics	
	Clinical time	804 hours

**SPECIALTY COURSES:**

<u>Course Number</u>	<u>Course Title</u>	<u>Course Hours</u>

**GENERAL EDUCATION / LIBERAL ARTS COURSES:**

<u>Course Number</u>	<u>Course Title</u>	<u>Course Hours</u>

Number of Credit/Clock Hrs. in Specialty: \_\_\_\_\_ / **972** Percentage: **100%**

Number of Credit/Clock Hrs. in General Courses: \_\_\_\_\_ / \_\_\_\_\_ Percentage: \_\_\_\_\_

If applicable:

Number of Credit/Clock Hrs. in Liberal Arts: \_\_\_\_\_ / \_\_\_\_\_ Percentage: \_\_\_\_\_

**III. LIBRARY:** Please provide information pertaining to the library located in your institution.

**1. Location of library; Hours of student access; Part-time, full-time librarian/staff:**

Main floor within the Medical Center.

The students may access the library Monday - Friday 7:00 AM to 5:00 PM when the Clinical Instructor is available.

The SSFHS employs a full-time librarian.

**2. Number of volumes of professional material:**

Eleven (11) cardiac/heart related titles are owned by the library.

The Echocardiography School owns six (6) titles specifically related to echocardiography.

**3. Number of professional periodicals subscribed to:**

Eight (8) cardiac specific periodicals are subscribed to:

American Journal of Cardiology

American Society of Echocardiography

Annals of Thoracic Surgery

Heart and Lung

Journal of American College of Cardiology

Journal of Geriatric Cardiology

Journal of Cardiovascular Electrophysiology

PACE: Pacing and Clinical Electrophysiology

**4. Other library facilities in close geographical proximity for student access:**

Public Library facilities:

Crown Point Community Library

Lake County Public Library

Universities library facilities:

Indiana University Northwest

Purdue University-Calumet

Ivy Tech College

Valparaiso University Library

**If you have any questions pertaining to the required standards for degree granting approval, please refer to 570 IAC 10.**

Doc.: degreappform.doc

**\*\* Include all required documentation pertaining to the qualifications of each instructor.**

**Total # of Faculty in the Program:** 5 **Full-time:** 1 **Part-time:** 4

**Fill out form below: (PLEASE LIST NAMES IN ALPHABETICAL ORDER.)**

[illegible]





## INSTRUCTOR'S QUALIFICATION RECORD

***Please TYPE the form.***

NAME OF INSTITUTION: Saint Anthony Medical Center

Source of Training/Education	Location	Area or Subject of Training/Education	Period of Attendance	
			From:	To:
Nursing, Associate Program	Indiana University NW, Gary, Indiana	ASN	1989	1991
Bachelor of Science Program	Indiana Wesleyan University Marion, Indiana	BS	2002	2004
Clinical Nursing, Masters Program	Purdue University Calumet Hammond, Indiana	MS, Clinical Nurse Specialist	present	8 hours to completion
Applicable Experience	Location	Exact Nature of Experience	Employment Period	
			From:	To:
Staff Nurse/Relief charge Nurse	Saint Anthony Medical Center	Medical/Surgical/Renal Unit	1991	present
Staff Development Coordinator/Student	Saint Anthony Medical Center	Employee Training	2002	present
Adjunct Faculty-Nursing Program	Ivy Tech Community College	Nursing Instructor	2005	present
Adjunct Faculty-Associate Nursing Program	University of St. Francis	Nursing Instructor	2006	present



## INSTRUCTOR'S QUALIFICATION RECORD

***Please TYPE the form.***

Source of Training/Education	Location	Area or Subject of Training/Education	Period of Attendance	
			From:	To:
Nursing Associates Degree Program	Indiana University, Gary, Indiana	ASN	1980	1983
Heath Arts Bachelor Program	University of St. Francis, Joliet, Illinois	BS, Health Arts	1995	1998
Masters Program in Business Administration	Indiana Wesleyan University, Marion, Indiana	MBA	1999	2003
Pegasus Echocardiography Lecture	Oak Brook, Illinois	Adult Echocardiography	9-11-04	9-12-04
Applicable Experience	Location	Exact Nature of Experience	Employment Period	
			From:	To:
Staff/ Charge/Supervisor Nurse	Saint Anthony Medical Center	Cardiac/Med. Surg. Unit Catheterization Laboratory	1983	1997
Assistant Service Line Director	Saint Anthony Medical Center	Cardiovascular and Medical Services	1997	1998
Service Line Director	Saint Anthony Medical Center	Cardiovascular and Medical Services	1998	2004
Associate Vice Preseident	Saint Anthony Medical Center	Patient Care Services	2004	present

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***Please TYPE the form.***

Source of Training/Education	Location	Area or Subject of Training/Education	Period of Attendance	
			From:	To:
Nursing, Associates Degree Program	Thornton Community College, South Holland, IL	ASN	1974	1977
Heath Arts, Bachelor Program	University of St. Francis, Joliet, Illinois	BS, Health Arts	1993	1996
Professional membership	National Society	American Society for Healthcare Risk Mngmt.	1993	present
Applicable Experience	Location	Exact Nature of Experience	Employment Period	
			From:	To:
Director of Patient Safety/Risk Management	Saint Anthony Medical Center	Reponsible for risk management and patient	1993	present
Physician Dictation Specialist	Saint Anthony Medical Center	Dictation of discharge summaries/Quality	1991	1993
Staff Nurse	Saint Anthony Medical Center	Medical/Surgical/Cardiac Care stepdown	1986	1991

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